

Cross-fertilization between Neuroscience & Animal Welfare Science

14th-16th June 2021

Day 1 – Monday 14th June 2021 (Time: GMT +1 British Summer Time)

10:00 - 10:15	Introduction
10:15 - 10:45	Plenary Talk: Angela Roberts , Cambridge University, UK How to measure emotional states in animals and their underlying brain mechanisms.
10:45 - 11:00	Short Talk: Alice Dancer, Royal Veterinary College , UK Validating behavioural measures of boredom in laboratory ferrets using neuroscience.
11:00 - 11:15	Short Talk: Colline Poirier & Tom Smulders, Newcastle University, UK Hippocampal plasticity as a measure of enduring affective experience.
11:15 - 11:30	Break
11:30 - 12:00	Plenary Talk: Andrew Segerdahl, Oxford University Title to be confirmed
12:00 - 12:15	Short Talk: Mathilde Coutant, Aarhus University, Denmark Capturing the emotional component of pain in piglets undergoing castration
12:15 - 12:30	Short Talk: Krista McLennan, University of Chester, UK Facial expression and emotional states.
12:30 - 13:30	Lunch
13:30 - 13:45	Introduction to Break-out groups
13:45 - 14:45	Break-out groups: Affective states
14:45 - 15:00	Break
15:00 - 15:30	Report and Theme discussion
15:30 - 16:30	One-to-one discussion

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Day 2 – Tuesday 15th June 2021 (Time: GMT +1 British Summer Time)

10:00 -10:05	Introduction
10:05 - 10:35	Plenary Talk: Alon Chen, Weizmann Institute of Science, Israel Title to be confirmed
10:35 - 10:50	Short Talk: Michela Minero, Università degli Studi di Milano, Italy Assessment of the cognitive components of the affective states in sheep: what functional near-infrared spectroscopy (fNIRS) can tell us?
10:50- 11:05	Short Talk: Jason Yee, University of Veterinary Medicine Vienna, Austria Multimodal MRI in domestic pigs.
11:05 - 11:20	Break
11:20 -11:50	Plenary Talk: Francis McGlone, Liverpool John Moores University, UK Affective Touch has a Nerve.
11:50 - 12:05	Short Talk: Emma Tivey, The Roslin Institute, UK Evidence for sex differences in behavioural and neural correlates to tickling in young Wistar rats.
12:00 - 13:00	Lunch
13:00 - 13:10	Introduction to Break-out groups
13:10 - 14:10	Break-out groups: stress resilience
14:10 - 14:15	Break
14:15 - 14:45	Report and Theme discussion
14:45 - 15:45	One-to-one discussion
17:00 - 19:00	Social event/ECR

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Day 3 – Wednesday 16th June 2021 (Time: GMT+1 British Summer Time)

10:30 - 10:35	Introduction
10:35 - 11:20	Plenary Talk: Judith Homberg, Radboud University, The Netherlands The effect of sucrose consumption and genetic diabetes on the rat brain: Touchscreen-based cognitive testing and neuroinflammation.
11:20 - 11:35	Short Talk: Sarah Brown, Roslin Institute, UK The neuroimmune system and its role in animal welfare.
11:35 - 11:45	Break
11:45 - 12:00	Short Talk: Will Norton, University of Leicester, UK Quantifying the potential of skin swabbing as a refinement for DNA sampling of laboratory fish.
12:00 - 12:15	Short Talk: Aileen MacLellan University of Guelph, Canada Are high levels of inactivity in laboratory mice “depression-like”?
12:15 - 12:30	Short Talk: Lindsey Kitchenham, University of Guelph, Canada Neural Correlates of Cage-Induced Stereotypic Behaviours in Laboratory Mice
12:30 - 13:30	Lunch
13:30 - 13:40	Introduction to Break-out groups
13:40 - 14:40	Break-out groups: impact of stress-induced brain abnormalities on neuroscience experiments
14:40 - 14:55	Break
14:55 - 15:25	Report and Theme discussion
15:25 - 16:00	General discussion (future directions, funding...)
16:00 - 16:45	One-to-one discussion